

# Apple II

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To: Max Faulkner

From: Scott Kurman

Here is the new payable for the 3 card stud bonus for 6 decks:

<u>3 card Stud Pays</u>		<u>Probability</u>	<u>EV</u>
Suited 3 of a Kind	200 to 1	.02%	0.041
Straight Flush	35 to 1	.21%	0.072
3 of a Kind	20 to 1	.50%	0.101
Straight	3 to 1	3.10%	0.093
Flush	2 to 1	5.86%	0.117
Pair	1 to 1	20.61%	0.206
Nothing	lose 1	69.69%	(0.697)

Total Player EV = -0.06577 (6.577%)

Cordially,

Scott Kurman

## No Bust 21

1. 2 deck or 6 to 8 deck shoe is used - no jokers. Players must make a basic wager of at least the house minimum to play.

2. No bust 21 is dealt like regular blackjack except for the following differences:

- a. Players and dealers do not bust. Winning hands are those that come closest to 21, regardless of whether the point count is over or under 21.
- b. Players hit or stay in turn. If the player makes 21 they automatically win and are immediately paid 1 to 1 odds. A natural "Blackjack" (21 on two cards) will be paid 1 to 1. Players may not hit hard counts above 21.
- c. The dealer must hit all 17s, whether hard or soft, and stand on all 18s, whether hard or soft. The dealer must stand on all soft 22s, 23s and 24s and hit all soft hands 25 and above.
- d. If the player doesn't make 21, then closest to 21 wins. If the hands are the same number of points away from 21 it is a "push" - the bet is neither taken nor paid; unless the dealers hand and the players hand are the same and are above or greater than 21 in which case the dealer wins (house wins ties above 21).

Examples:

	<u>Dealer</u>	<u>Player</u>	<u>Result</u>
Totals	19	23	push
	19	22	Player Wins
	19	24	Dealer Wins
	19	19	push
	27	27	Dealer Wins

- e. Players may split pairs, double down on any two cards (receiving only one card), and double down after splitting.

### 3 Card Stud Bonus

Players may make a bonus bet on the poker value of their first two cards and the dealers up card. The pay scale for the 3 card stud bonus is listed below. If the player bets \$5 or more on the bonus bet, they qualify for an envy bonus if any other player at the table gets one of the two top tier hands. A player playing two hands must bet \$10 on the 3 Card Stud Bonus to be able to envy their other hand. A player playing more than 2 hands must bet \$20 on the bonuses to be able to envy their own hands.

#### 3 card Stud Pays

Suited 3 of a Kind	200 to 1
Straight Flush	35 to 1
3 of a Kind	20 to 1
Straight	3 to 1
Flush	2 to 1
Pair	1 to 1

\* House may impose an aggregate payout not less the \$5000 per hand.